Customer ID: 25094

## IN THE CLAIMS:

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What is claimed is:

- 1-11. Canceled
- 12. (Original) An apparatus, comprising:
- a microcontroller:
- a digital temperature sensor coupled to the microcontroller;
- a liquid crystal display coupled to the microcontroller;
- a set of cursor buttons coupled to the microcontroller;
- an electrically erasable programmable read-only memory coupled to the microcontroller;
- an upload capable connector coupled to the electronically erasable programmable read-only memory;
- a real time clock coupled to the microcontroller; and
- a back up power supply coupled to the real time clock.
- 13. (Original) The apparatus of claim 12, wherein the electrically erasable programmable read-only memory includes a first data structure, the first data structure including a list of personal identification numbers.
- 14. (Original) The apparatus of claim 13, wherein the first data structure includes a member selected from the group consisting of singly linked lists, hashes, arrays, sorted arrays, binary trees, stacks, heaps, queues, dequeues, doubly linked lists, tables, and circular linked lists.
- 15. (Original) The apparatus of claim 13, wherein the electrically erasable programmable read-only memory includes a second data structure, the second data structure including a list of time entries, each time entry associated with a personal identification number.

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- 16. (Original) The apparatus of claim 15, wherein the second data structure includes a member selected from the group consisting of singly linked lists, hashes, arrays, sorted arrays, binary trees, stacks, heaps, queues, dequeues, doubly linked lists, tables, and circular linked lists.
- 17. (Original) The apparatus of claim 15, wherein the electrically erasable programmable read-only memory includes a third data structure, the third data structure including a calendar.
- 18. (Original) The apparatus of claim 17, wherein the third data structure includes a member selected from the group consisting of singly linked lists, hashes, tables, arrays, sorted arrays, binary trees, stacks, heaps, queues, dequeues, doubly linked lists, and circular linked lists.
- 19. (Original) The apparatus of claim 17, wherein the electrically erasable programmable read only memory includes a fourth data structure, the fourth data structure including a list of user types.
- 20. (Original) The apparatus of claim 19, wherein the fourth data structure includes a member selected from the group consisting of singly linked lists, hashes, arrays, sorted arrays, binary trees, stacks, heaps, queues, dequeues, doubly linked lists, tables, and circular linked lists.
- 21. (Original) The apparatus of claim 12, further comprising a wireless interface coupled to the upload capable connector.
- 22. (Original) The apparatus of claim 21, further comprising a transceiver coupled to the wireless interface.
- 23. (Original) The apparatus of claim 22, further comprising a repeater coupled to the transceiver.

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- 24. (Original) The apparatus of claim 12, further comprising a serial interface, coupled to the upload capable connector.
- 25. (Original) The apparatus of claim 24, further comprising a hand held personal data assistant coupled to the serial interface.
- 26. (Original) The apparatus of claim 12, further comprising an auxiliary memory coupled to the microcontroller and the electrically erasable programmable read-only memory.
- 27. (Original) The apparatus of claim 12, further comprising heating ventilation and air conditioning equipment coupled to the microcontroller.
- 28-30. Canceled